Subject Index

A

Accreditation program of the American Association of Blood Banks, implementation of the inspection and ... 271
Agglutination, immune, of red cells. I. analysis of ... 327
Agglutination reactions characteristic of the Rh system. II. analysis of the ... 332
American Association of Blood Banks, experiences in Pennsylvania ... 271
American Association of Blood Banks, the reference laboratories program of the ... 188
Animal antihemophilic factor in Britain, use of ... 88
Animal plasma, antihemophilic fractions from—present status ... 85
Antibodies, labeled, radioactive ... 362
Antibody, a new Rh antigen and ... 150
Anti-c not detectable before transfusion, delayed hemolytic reaction caused by ... 342
Antiglobulin reagents with special reference to complement-fixing blood-group antibodies, the preparation and uses of ... 135
Anti-human gamma globulin reagents, the specificity of the ... 17
Anti-Js^{a}, another example of ... 423
Anti-M antibodies in one member of fraternal twins, naturally occurring ... 58
Anti-Sm, reacting with a high incidence antigen, a new antibody ... 338
ATP level of incubated human red cells by controlling the *p*H, maintenance of ... 408

B

Bauhinia lectin, blood giving unusual reaction with ... 259
Blood and blood products, the AABB circular for ... 121
Blood banking, how to conduct a workshop in ... 61
Blood, citrated whole human (U.S.P.XVI) ... 120
Blood conservation program, Providence hospital ... 3
Blood donors, standards for rejection of ... 392
Blood donors with the microhematocrit test for red cell volume and the plasmacrit test for syphilis (HCT-PCT method), preliminary screening of ... 36
Blood, drawing of, denaturation of protein by *in vacuo* ... 398
Blood factors Rh^{A}, Rh^{B}, Rh^{C} and Rh^{D}, further observations on the ... 230
Blood group, antibodies, concentrating, a simple and practical method for ... 261
Blood-group, complement-fixing, the preparation and uses of antiglobulin reagents with special reference to ... 135
Blood-group systems, independent antigens versus independent ... 133
Blood groups, human and cattle, the relation of ... 172
Blood, incubated whole human, differences in the effect of lactic acid and neutral lactate on glycolysis and nucleotide pattern in ... 256
Blood utilization, trends in ... 344
Buffy coat-poor red cell suspensions prepared by dextran sedimentation, transfusion of ... 216

C

Compatibility tests, the occasional fallibility of *in vitro* ... 375
Confusion and communication ... 286
Cyanmethemoglobin technic, comparison of $CuSO_4$ specific gravity, microhematocrit and electronic hematocrit values with hemoglobin values by the ... 392

E

Erythrocytes of the ABO blood groups preserved by various methods, comparative study of the agglutinability of ... 100
Establishment of a panel of high A.H.F.-level donors for use in the treatment of hemophilia, criteria for the ... 321

F

Factor VIII (antihemophilic globulin) in fresh-frozen blood bank plasma, the stability of ... 313
Fourteen "nonspecific" seed extracts, inhibition reactions of ... 106

G

Group specific structures of blood, concerning heredity of (translation from the German) ... 70

H

Hemophilia, major surgery in ... 88
High A.H.F.-level donors for use in the treatment of hemophilia, criteria for the establishment of a panel of ... 321
Hospital blood bank, volume expander program for the ... 404
Hospital transfusion board ... 1

I

Incompatible red cells in the presence of Anti-Lu^a, normal survival of 52
Indians, jungle, of the Mato Grosso, blood group studies of 110
Isohemagglutinins, effectiveness of technics in demonstrating 385
Isologus bone marrow storage and infusion in the treatment of myelo-suppression, autologus and 178

L

Leukoagglutinins in etiology of febrile, nonhemolytic transfusion reactions and the limited role of 7
Leukoagglutinins, the 209
Liquid nitrogen, simple methods of storage of human erythrocytes in 100

M

Milestones, historical 70

N

New President, James Wicks 361
New terminology, a review of Rh serology and presentation of a 287

O

Open heart surgery, blood for 118

P

Plasma, fresh-frozen blood bank, the stability of factor VIII (antihemophilic globulin) in 313
Plasma, fresh frozen, in *vitro* and in *vivo*, a study of comparative antihemophilic factor levels in 94
Plasmacrit test for syphilis (HCT-PCT method), preliminary screening of blood donors with the microhematocrit test for red cell volume and the 36
Platelet clumping and related phenomena: a reappraisal and clarification of terms, observations on 44
Preparing buffy coat-poor blood, a new method for 221
President's page 285

R

Radiation injury, prolonged storage of marrow and its use in the treatment of.. 115
Radio-frequency heating, thawing of blood stored in liquid nitrogen by means of .. 265
Rare donors, the central file for 194
Red cells after long-term storage in the frozen state, agglutinability of 31
Red cells, incompatible in the presence of Anti-Lu^a, normal survival of 52
Red cells, reaction of I^{131} Anti-Rh$_o$ (D) with enzyme treated 363
Rh serology and presentation of a new terminology, a review of 287
Rh$_o$ variant—D^{u}I, the. Its frequency in a mixed population 234
Rh$_o$ variant—D^{u}II, its detection with a direct tube test 244
Rh positive red cells with Anti-Rh sera and with Rh antibody fractions separated on DEAE-cellulose, reactions of 155

S

Serologic tests for syphilis after recent successful smallpox vaccinations, blood donors with positive reactions to 341

T

Transfusion board, the hospital 1
Transfusion, delayed hemolytic reaction caused by Anti-c not detectable before .. 342
Transfusion reactions and the limited role of leukoagglutinins in their etiology—febrile, nonhemolytic 7
Twins, fraternal, naturally occurring Anti-M antibodies in one member of 58

V

Vel blood-group system, current status of the 163
VeVe individuals, a family with five 269

W

Western Solomon Islanders, blood groups, serum genetic factors and hemoglobins in 413
Woman with type rh^G (G), immunization to Rh$_o$ (D) observed in pregnancy of 419
Workshop in blood banking, how to conduct a 61

115
265
194
31
52
363
287
234
244
155
341
1
342
7
58
163
269
413
419
61